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ISO 9001 Certified Company

TEST CERTIFICATE

Customer:	INTER-METAL SYSTEM D.O.O.	**Report No.:**	JM7390-001
PO No.:	/	**Test Date.:**	2019-4-5
Lot No.:	38270-160314	**Part No.**	/
Inv. No.:	E57390	**Size:**	M12X1.75
Quantity:	102000Pcs	**Description:**	Hex Nut, Class 8,ZP

1. Chemical Composition (%) — **Material: ZT195**

Heat No.	Dia (mm)	C	Si	Mn	P	S							
815028547	12	0,36	0,16	0,75	0,02	0.003							

2. Dimension

Inspection Item	Standards in (mm)	Measured Value (mm)	Result
Width Across Flats (s)	18.73-19.00	18.80-18.96	OK
Width Across Corners (e)	21.1 min	21.42-21.55	OK
Head Thickness (m)	9.64-10	9.92-10	OK
Go Ring Gauge	M12X1.75	GO	OK
No Go Ring Gauge		NO GO	OK
Surface	ZP	ZP	OK
Head Mark	8	8	OK

3. Mechanical Properties

Test Item	Standard	Measured Value	Result
Hardness (HRB)	HRB74-HRC32	B82-90	OK
Proof Load (Mpa)	600MPa	OK	OK